

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 **Claim 1 (withdrawn):** An operating system for managing
2 a plurality of tasks, comprising:

3 a storing means for storing execution information
4 containing execution states of hardware devices in
5 respective tasks;

6 a request receiving means for receiving at least one
7 request of a power-supply ON request and a power-supply OFF
8 request to the hardware devices; and

9 a power-supply switching/controlling means for
10 controlling process execution of the request based on the
11 execution information, and not-performing the process
12 execution of the power-supply ON request or the
13 power-supply OFF request when other task is using the
14 hardware devices if at least one task issues at least one
15 of the power-supply ON request and the power-supply OFF
16 request to at least one hardware device.

1 **Claim 2 (withdrawn):** An operating system for managing
2 a plurality of tasks, comprising:

3 a storing means for storing power-saving mode
4 information of hardware devices in respective tasks;

5 a request receiving means for receiving a power-saving
6 mode switching request; and

7 a power-saving mode switching/controlling means for
8 controlling process execution of the request based on the
9 power-saving mode information, and setting a power-saving
10 mode based on the power-saving mode information of a
11 switched task when the task is switched.

1 **Claim 3 (withdrawn):** An operating system according to
2 claim 2, wherein the power-saving mode
3 switching/controlling means can set/change the power-
4 saving mode based on the power-saving mode information
5 during the execution of the task.

1 **Claim 4 (withdrawn):** An operating system according to
2 claim 2 or 3, further comprising a priority comparing means
3 for comparing execution priorities of the tasks or
4 priorities of the power-saving mode information, and
5 wherein the power-saving mode switching/controlling
6 means sets/changes the power-saving mode based on a
7 compared result of the priorities during the execution of
8 the task.

1 **Claim 5 (withdrawn):** An operating system for managing
2 a plurality of tasks, comprising:
3 a storing means for storing power-saving mode
4 information of hardware devices in respective tasks and
5 power-savings mode information of a concerned operating
6 system itself;

7 a request receiving means for receiving a power-saving
8 mode switching request; and

9 a power-saving mode switching/controlling means for
10 controlling process execution of the request based on the
11 power-saving mode information, and setting/changing a
12 power-saving mode by comparing the power-saving mode
13 information of the task with the power-saving mode
14 information of the operating system itself.

1 **Claim 6 (withdrawn):** An operating system for managing
2 a plurality of tasks, comprising:

3 a storing means for storing power-saving mode
4 information of hardware devices in respective tasks and
5 power-saving mode information of a concerned operating
6 system itself;

7 a request receiving means for receiving a power-saving
8 mode switching request; and

9 a power-saving mode switching/controlling means for
10 controlling process execution of the request based on the
11 power-saving mode information, and setting/changing a
12 power-saving mode by comparing the power-saving mode
13 information of a switched task with the power-saving mode
14 information of the operating system itself when the task is
15 switched.

1 **Claim 7 (withdrawn):** An operating system for managing
2 a plurality of tasks, comprising:

3 a storing means for storing periodic-timer information
4 of hardware devices in respective tasks;

5 a request receiving means for receiving a
6 periodic-timer switching request; and

7 a periodic-timer switching/controlling means for
8 controlling process execution of the request based on the
9 periodic-timer information, and setting a periodic-timer
10 based on the periodic-timer information of a switched when
11 the task is switched.

1 **Claim 8 (withdrawn):** An operating system according to
2 claim 7, wherein the periodic-timer switching/controlling
3 means can set/change the periodic-timer based on the
4 periodic-timer information during th execution of the task.

1 **Claim 9 (withdrawn):** An operating system according to
2 claim 7 or 8, further comprising a priority comparing means
3 for comparing execution priorities of the tasks or
4 priorities of the periodic-timer information, and

5 wherein the periodic-timer switching/controlling means
6 sets/changes the periodic-timer based on a compared result
7 of the priorities during the execution of the task.

1 **Claim 10 (withdrawn):** An operating system for
2 managing a plurality of tasks, comprising:

3 a storing means for storing periodic-timer information
4 of hardware devices in respective tasks and periodic-timer

5 information of a concerned operating system itself;
6 a request receiving means for receiving a
7 periodic-timer switching request; and
8 a power-saving mode switching/controlling means for
9 controlling process execution of the request based on the
10 periodic-timer information, and setting/changing a
11 periodic-timer by comparing the periodic-timer information
12 of the task with the periodic-timer information of the
13 operating system itself.

1 **Claim 11 (withdrawn):** An operating system for
2 managing a plurality of tasks, comprising:

3 a storing means for storing periodic-timer information
4 of hardware devices in respective tasks and periodic-timer
5 information of a concerned operating system itself;

6 a request receiving means for receiving a
7 periodic-timer switching request; and

8 a periodic-timer switching/controlling means for
9 controlling process execution of the request based on the
10 periodic-timer information, and setting/changing a
11 periodic-timer by comparing the periodic-timer information
12 of a switched task with the periodic-timer information of
13 the operating system itself when the task is switched.

1 **Claim 12 (currently amended):** A virtual computer
2 system comprising:

3 an executing/controlling means for

4 executing/controlling at least one of operating systems set
5 forth in ~~claims 1 to 11~~claim 1.

1 Claim 13 (currently amended): A virtual computer
2 system for executing/controlling a plurality of operating
3 systems, comprising:

4 a storing means for storing execution information
5 containing an execution state[[s]] of each of a plurality
6 of hardware devices in respective operating systems;

7 a request receiving means for receiving at least one
8 ~~request~~ of a power-supply ON request and a power-supply OFF
9 request to one or more of the hardware devices from one of
10 the plurality of operating systems; and

11 a power-supply switching/controlling means for
12 controlling process execution of the request based on the
13 stored execution information, and not-performing the
14 process execution of the ~~power-supply ON request or the~~
15 ~~power supply OFF request~~ when another operating system is
16 using one or more of the hardware devices ~~if at least one~~
17 ~~operating system issues at least one of the power-supply ON~~
18 ~~request and the power-supply OFF request to at least one~~
19 ~~hardware device.~~

1 Claim 14 (currently amended): A virtual computer
2 system for executing/controlling a plurality of operating
3 systems, comprising:

4 a storing means for storing power-saving mode

5 information of each of a plurality of hardware devices in
6 respective operating systems;

7 a request receiving means for receiving a power-saving
8 mode switching request from one of the operating systems;
9 and

10 a power-saving mode switching/controlling means for
11 controlling process execution of the request based on the
12 stored power-saving mode information, and ~~setting~~waiting to
13 set a power saving mode, according to the request, until
14 the computer system based on the power saving mode
15 information of a switched operating system when the
16 operating system is switched to said one of the operating
17 systems.

1 **Claim 15 (original):** A virtual computer system
2 according to claim 14, wherein the power-saving mode
3 switching/controlling means can set/change the power-saving
4 mode based on the power-saving mode information during the
5 execution of the operating system.

1 **Claim 16 (original):** A virtual computer system
2 according to claim 14 or 15, further comprising a priority
3 comparing means for comparing execution priorities of the
4 operating systems or priorities of the power-saving mode
5 information, and

6 wherein the power-saving mode switching/controlling
7 means sets/changes the power-saving mode based on a

8 compared result of the priorities during the execution of
9 the operating system.

1 **Claim 17 (currently amended):** A virtual computer
2 system for executing/controlling a plurality of operating
3 systems, comprising:

4 a storing means for storing power-saving mode
5 information of each of a plurality of hardware devices in
6 respective operating systems and for saving power-saving
7 mode information of ~~a concerned~~the virtual computer ~~itself~~;

8 a request receiving means for receiving a power-saving
9 mode switching request; and

10 a power-saving mode switching/controlling means for
11 controlling process execution of the request based on the
12 power-saving mode information, and setting/changing a
13 power-saving mode by comparing the power-saving mode
14 information of the operating system with the power-saving
15 mode information of the virtual computer system ~~itself~~.

1 **Claim 18 (currently amended):** A virtual computer
2 system for executing/controlling a plurality of operating
3 systems, comprising:

4 a storing means for storing power-saving mode
5 information of each of a plurality of hardware devices in
6 respective operating systems and for saving power-saving
7 mode information of ~~a concerned~~the virtual computer system
8 ~~itself~~;

9 a request receiving means for receiving a power-saving
10 mode switching request; and

11 a power-saving mode switching/controlling means for
12 controlling process execution of the request based on the
13 power-saving mode information, and setting/changing a
14 power-saving mode by comparing the power-saving mode
15 information of a switched operating system with the
16 power-saving mode information of the virtual computer
17 system ~~itself~~ when the operating system is switched.

1 **Claim 19 (withdrawn):** A virtual computer system for
2 executing/controlling a plurality of operating systems,
3 comprising:

4 a storing means for storing periodic-timer information
5 of hardware devices in respective operating systems;

6 a request receiving means for receiving periodic-timer
7 switching request; and

8 a periodic-timer switching/controlling means for
9 controlling process execution of the request based on the
10 periodic-timer information, and setting a periodic-timer
11 based on the periodic-timer information of a switched when
12 the operating system is switched.

1 **Claim 20 (withdrawn):** A virtual computer system
2 according to claim 19, wherein the periodic-timer
3 switching/controlling means can set/change the
4 periodic-timer based on the periodic-timer information

5 during the execution of the operating system.

1 **Claim 21 (withdrawn):** A virtual computer system
2 according to claim 19 or 20, further comprising a priority
3 comparing means for comparing execution priorities of the
4 operating systems or priorities of the periodic-timer
5 information, and

6 wherein the periodic-timer switching/controlling means
7 sets/changes the periodic-timer based on a compared result
8 of the priorities during the execution of the operating
9 system.

1 **Claim 22 (withdrawn):** A virtual computer system for
2 executing/controlling a plurality of operating systems,
3 comprising:

4 a storing means for storing periodic-timer information
5 of hardware devices in respective operating systems and
6 periodic-timer information of a concerned virtual computer
7 system itself;

8 a request receiving means for receiving a
9 periodic-timer switching request; and

10 a power-saving mode switching/controlling means for
11 controlling process execution of the request based on the
12 periodic-timer information, and setting/changing a
13 periodic-timer by comparing the periodic-timer information
14 of the operating system with the periodic-timer information
15 of the virtual computer system itself.

1 **Claim 23 (withdrawn):** A virtual computer system for
2 executing/controlling a plurality of operating systems,
3 comprising:

4 a storing means for storing periodic-timer information
5 of hardware devices in respective operating systems and
6 periodic-timer information of a concerned virtual computer
7 system itself;

8 a request receiving means for receiving a
9 periodic-timer switching request; and

10 a periodic-timer switching/controlling means for
11 controlling process execution of the request based on the
12 periodic-timer information, and setting/changing a
13 periodic-timer by comparing the periodic-timer information
14 of a switched operating system with the periodic-timer
15 information of the virtual computer system itself when the
16 operating system is switched.

1 **Claim 24 (new):** A virtual computer system for
2 executing/controlling a plurality of operating systems,
3 comprising:

4 a storage device for storing power-saving mode
5 information about a hardware device with respect to each of
6 said plurality of operating systems;

7 a request receiving means for receiving a power-saving
8 mode switching request for the hardware device; and

9 a power-saving mode switching/controlling means for

10 controlling process execution of the request based on the
11 stored power-saving mode information, wherein the device is
12 not changed to a power-saving mode despite said request to
13 do so if any of the stored power-saving mode information
14 shows the device in use by any one or more of said
15 plurality of operating systems.